

Message

From: amy.potter@dnr.ga.gov [Amy.Potter@dnr.ga.gov]
Sent: 7/31/2017 9:25:47 PM
To: Pena-Molina, Ana [pena-molina.ana@epa.gov]
Subject: RE: ORCR Summer Interns Project Regarding OB/OD Sites-Georgia
Attachments: SKM_C654e17073117200.pdf

Hi Ms. Pena-Molina:

Please find below the answer to your questions:

| | | | | | | | |
|--------------|--------------------------|-------|----|---|----|----|----------|
| GA1570024330 | ROBINS AIR FORCE BASE | RANGE | 12 | 1 | EM | CC | 19981207 |
|--------------|--------------------------|-------|----|---|----|----|----------|

1. Did these sites complete clean closure or are they still in the process of seeking to clean close? The site was issued an emergency permit on December 7, 1998 for the one-time detonation of 20 primers. I am not sure if the site was sampled to determine if there were any releases for clean closure.
 2. Did the state officially certify/approve the unit(s) Clean Closed (CC)? RCRAInfo indicates so, but I would need to recall our files from the records center since we only keep ten years of files at our office.
 3. What was the volume of waste disposed, frequency (e.g., daily, weekly, monthly, periodically), and years of operation? Used only once for the detonation of 20 primers.
 4. Was it OB or OD or both? OD only
- Not sure of the costs. Robins AFB may have details on that.

| | | | | | | | |
|--------------|--------------|--------------------|---|---|----|----|----------|
| GA9210020872 | FORT STEWART | OPEN BURN UNIT | 2 | 3 | PT | CC | 20040920 |
| GA9210020872 | FORT STEWART | OPEN DETON UNIT | 3 | 3 | PT | CC | 20040920 |

1. Did these sites complete clean closure or are they still in the process of seeking to clean close? The site completed clean closure.
 2. Did the state officially certify/approve the unit(s) Clean Closed (CC)? The State approved clean closure on September 20, 2004.
 3. What was the volume of waste disposed, frequency (e.g., daily, weekly, monthly, periodically), and years of operation? See attached.
 4. Was it OB or OD or both? Both
- Not sure of the costs. Fort Stewart may have details on that. There is a closure plan dated 2000 that has closure plan, post-closure plan, and financial information, but we would have to request those records from our records center as we only keep 10 years of files at our office.

| | | | | | | | |
|--------------|----------------------------------|-----------------------|---|---|----|----|----------|
| GAD981268295 | PYROTECHNIC SPECIALTIES, INC. | OPEN BURN OP DETON | 2 | 4 | NN | CA | 20110419 |
|--------------|----------------------------------|-----------------------|---|---|----|----|----------|

Inactive/Closing, but Not Yet RCRA Closed (IN) and Corrective Action and Superfund (CA, SF) Facilities' questions:

1. Are these units seeking to clean close?
2. If so, what criteria is being used to attempt clean closure (e.g., EPA action levels)?
3. What was the volume of waste disposed, frequency (e.g., daily, weekly, monthly, periodically), and years of operation?

4. Was it OB or OD or both?

This site was referred to EPA Region IV for enforcement. The OB/OD unit is inactive and EPA did not require closure of the unit. EPA Region IV may be a better contact to answer these questions.

If you have any questions on the information above, please let me know.

Amy M. Potter

Unit Coordinator
Department of Defense Facilities Unit
Hazardous Waste Management Program
Land Protection Branch
404-657-8604



From: Pena-Molina, Ana [mailto:pena-molina.ana@epa.gov]
Sent: Monday, July 17, 2017 4:11 PM
To: Eason, Susan; Potter, Amy; Elster, Michael
Cc: Housley, Denise; Crosby-Vega, Terri; Newman, Alan; McKeePerez, Nancy; Danois, Héctor; Gilliland, Houston; Watson, Sarah; Greaney, Kevin; Singh, Harbhajan; Kuziomko, Joseph; Shuster, Kenneth; Kohler, Amanda
Subject: ORCR Summer Interns Project Regarding OB/OD Sites-Georgia

I am writing to seek information on the closure status of the Open Burn/Open Detonation (OB/OD) units listed below to assist ORCR in a new project to assess closure of OB/OD units. With this information, EPA will be able to identify, evaluate, and document procedures, techniques, and criteria to assess, clean up, and close OB/OD units/sites in a standardized manner.

EPA has been documenting soil and ground water contamination from OB/OD units and the costs to clean them up. Given the inordinate extent of contamination and costs of clean-up that have been reported, we are now seeking to learn more about the monitoring, clean-up procedures, successes, and costs of these efforts. There is currently no national guidance on procedures to assess, monitor, and clean up OB/OD sites, nor metrics to achieve clean closure of OB/OD units. We are requesting information on the clean closure (CC) of OB/OD sites to assist us.

Please first verify the following codes for your facilities in Georgia

Georgia

| FACILITY_ID | FACILITY_NAME | UNIT_NAME | UNITs | UNIT_DETAIL_SEQ | legal status | operating status | EFFECTIVE_DATE |
|--------------|--|--------------------|-------|-----------------|--------------|------------------|----------------|
| GAD003292885 | AID COMPANY, A DIV OF ROLLER BEARING CO OF AMERICA | BURN AREA | 2 | 3 | PC | CC | 20010928 |
| GA1570024330 | ROBINS AIR FORCE BASE | RANGE | 12 | 1 | EM | CC | 19981207 |
| GA9210020872 | FORT STEWART | OPEN BURN UNIT | 2 | 3 | PT | CC | 20040920 |
| GA9210020872 | FORT STEWART | OPEN DETON UNIT | 3 | 3 | PT | CC | 20040920 |

| | | | | | | | |
|--------------|--|-----------------------|---|---|----|----|----------|
| GAD003292885 | AID COMPANY, A DIV OF ROLLER BEARING CO OF AMERICA | BURN AREA | 2 | 3 | PC | CC | 20010928 |
| GAD981268295 | PYROTECHNIC SPECIALTIES, INC. | OPEN BURN OP DETON | 2 | 4 | NN | CA | 20110419 |

Questions:

We have a number of questions we hope you can answer regarding your clean closed/closing sites. The operating status of the facilities will determine which sets of questions are to be answered. We understand that some of this data may be difficult to find but we would really appreciate if you could dig it up for us as it will help us move forward with this project and eventually help EPA update OB/OD closing procedures.

Clean Closed (CC) Facilities' questions:

1. Did these sites complete clean closure or are they still in the process of seeking to clean close?
2. Did the state officially certify/approve the unit(s) Clean Closed (CC)?
3. What was the volume of waste disposed, frequency (e.g., daily, weekly, monthly, periodically), and years of operation?
4. Was it OB or OD or both?
5. What sampling procedures were used to identify the extent of the contamination, including kick-out and fallout (e.g., geophysical techniques used to identify buried munitions and fragments; trenching; grid, spokes, meandering way, visual, or random sampling of soil/for kick-out; depth; until no more found; and ground water monitoring)?
6. Were components of the unit removed (e.g., any platforms, pans, pads, and liners)?
7. What clean-up procedures and techniques were used to clean up the contaminants (e.g., excavation, soil sifting)?
8. What data was recorded and metrics used to evaluate the extent and levels of contamination?
9. What criteria was used to certify clean closure (e.g., EPA action levels)?
10. What was the total cost to achieve Clean Closed (CC) status?

Inactive/Closing, but Not Yet RCRA Closed (IN) and Corrective Action and Superfund (CA, SF) Facilities' questions:

1. Are these units seeking to clean close?
2. If so, what criteria is being used to attempt clean closure (e.g., EPA action levels)?
3. What was the volume of waste disposed, frequency (e.g., daily, weekly, monthly, periodically), and years of operation?
4. Was it OB or OD or both?
5. What sampling procedures are being used to identify the extent of the contamination, including kick-out and fallout (e.g., geophysical techniques used to identify buried munitions and fragments; trenching; grid, spokes, meandering way, visual, or random sampling of soil/for kick-out; depth; until no more found; and ground water monitoring)?
6. Were components of the unit removed (e.g., any platforms, pans, pads, and liners)?
7. What clean-up procedures and techniques are being used to clean up the contaminants (e.g., excavation, soil sifting)?
8. What data is being recorded and metrics being used to evaluate the extent and levels of contamination?
9. What is the total cost to date to remediate the site?

We plan to have a contractor gather this information on a select number of sites from the states. The purpose of this current effort is to gather information on the status of cleanup at these sites to help us identify which sites have the best

information for our contractor to follow up with. Thus, for this effort, we seek answers to questions 1-4 and the last question in each set, and for the remaining questions we seek whether or not good information exists to answer these questions. We hope to receive this information by July 31st. Thank you for taking time to assist us with this project. If you have any questions please feel free to reach out to us. Any information that you may be able to provide will be helpful in our project.

Sincerely,

Ana Pena-Molina
703-308-8753

U.S. EPA Headquarters
Two Potomac Yard
2777 S. Crystal Drive
Arlington, VA 22202-3553